

M 5.6, 130 km SSE of Pyapon, Myanmar

Origin Time: 2023-06-19 01:40:23 UTC (Mon 07:40:23 local)
Location: 15.2785° N 96.3165° E Depth: 4.5 km

**PAGER
Version 4**

Created: 2 hours, 3 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

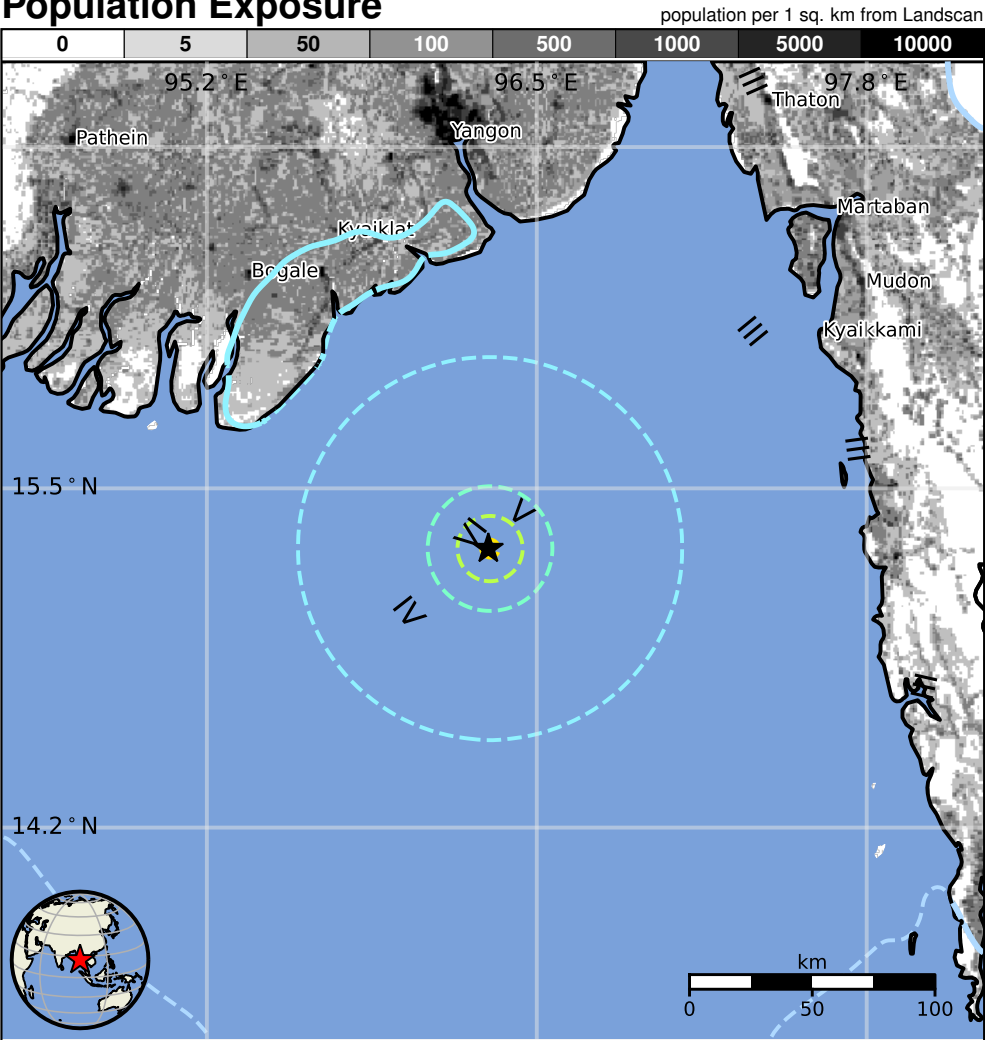


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	14,547k*	1,046k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unreinforced brick masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-09-17	74	5.7	VI(2k)	—
1978-09-30	152	5.7	VIII(13k)	—
1995-05-16	286	6.1	IX(2k)	—

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Pyapon	66k
III	Kyaiklat	52k
III	Bogale	69k
III	Thongwa	52k
III	Mawlamyinegyunn	39k
III	Yangon	4,478k
III	Mawlamyine	439k
III	Pathein	237k
III	Hpa-an	50k
III	Dawei	137k
III	Thaton	124k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<http://earthquake.usgs.gov/data/pager/>

bold cities appear on map.

(k = x1000)

Event ID: us7000k9he